



SAN JUAN BASIN  
**HEALTH**  
DEPARTMENT

September 15, 2015

(b) (6)  
(b) (6), (b) (9)  
Durango, CO 81301

Dear (b) (6),

The U.S. Environmental Protection Agency (EPA) is aware of the concerns you have raised regarding potential impacts to your property related to the Gold King Mine release. An EPA On Scene Coordinator, met with Clark Behner regarding the ponds on your property. Per your request, enclosed are instructions for filing a claim for monetary compensation.

EPA has worked closely with the San Juan Basin Health Department and the Colorado Department of Public Health and Environment to evaluate the conditions in the Animas River following the incident. Surface water and sediment samples collected throughout the watershed have demonstrated the river has returned to pre-event conditions. Data received from samples collected from other properties in the area have met risk-based screening levels for recreational use.

In the interim, if you have any questions regarding this matter please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-6879.

Sincerely,

U.S. Environmental Protection Agency, Region 8

Enclosure



SAN JUAN BASIN  
**HEALTH**  
DEPARTMENT

October 4, 2015

(b) (6)

Location Code: GKMPD05

(b) (6)

Durango, CO 81301

Re: Sediment Sampling Results

— SW

✓ changed  
10/4/15  
L.N.

Dear (b) (6):

Thank you for providing access to your property to collect sediment samples, conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD). We are attaching copies of the validated sample results.

The sediment samples from your property were submitted to a private certified laboratory to be analyzed for total metals. The analysis included metals that could potentially be present in sediment deposited as a result of the release from the Gold King Mine incident on August 5, 2015. Sediment concentrations from your property are below recreational screening levels, which are shown as RBC (risk based concentrations) on the enclosed results.

EPA has worked closely with the Colorado Department of Public Health and the Environment to evaluate the conditions in the Animas River following the Gold King Mine incident. Surface water and sediment samples results for the river system as a whole are being maintained at pre-event conditions. It is important to keep in mind that metal concentrations in water and sediment may fluctuate. Fluctuations occur because of weather and other events that change water flow rates or volume. They can also occur if sediments are accumulating at a higher than normal rate at a particular site, before being washed away by the next high water event.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702; or to discuss your sample results with an EPA representative, please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-6879.

Sincerely,  
US Environmental Protection Agency, Region 8

CC:  
Colorado Department of Public Health and Environment  
San Juan Basin Health Department  
San Juan County Public Health

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. If you have any further questions, please contact Dr. Deborah McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8

Draft  
10/4/15





October 4, 2015

(b) (6)

Location Code: GKMPD05

(b) (6), (b) (9)

Durango, CO 81301

Re: Groundwater Well Sampling Results

Dear (b) (6):

Due to an administrative error the test results for your well water were transmitted with the incorrect map. We apologize for this error and are resending your results with the correct map. Please use this results package instead of the previously package.

Thank you for participating in the private drinking water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water samples collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards are intended for the evaluation of public water systems and therefore, do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

EPA has also established National Secondary Drinking Water Regulations that set non-mandatory water quality standards for 15 contaminants. EPA does not enforce these "secondary maximum contaminant levels" (MCLs). They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the secondary maximum contaminant level. **None of these metals were present in the water sample(s) collected from your property above MCLs.**



The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Dr. Deborah McKean at (303) 579-4371.

Enclosure

CC:

Colorado Department of Public Health and Environment

San Juan Basin Health Department

San Juan County Public Health



SAN JUAN BASIN  
**HEALTH**  
DEPARTMENT

September 15, 2015

(b) (6)

(b) (6)

Durango, CO 81301

Dear (b) (6),

The U.S. Environmental Protection Agency (EPA) is aware of the concerns you have raised regarding potential impacts to your property related to the Gold King Mine release. An EPA On Scene Coordinator, met with Clark Behner regarding the ponds on your property. Per your request, enclosed are instructions for filing a claim for monetary compensation.

EPA has worked closely with the San Juan Basin Health Department and the Colorado Department of Public Health and Environment to evaluate the conditions in the Animas River following the incident. Surface water and sediment samples collected throughout the watershed have demonstrated the river has returned to pre-event conditions. Data received from samples collected from other properties in the area have met risk-based screening levels for recreational use.

In the interim, if you have any questions regarding this matter please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-6879.

Sincerely,

U.S. Environmental Protection Agency, Region 8

Enclosure

[illegible]



|                                      |  |                         |
|--------------------------------------|--|-------------------------|
| 7. Reviewed By:<br>David Romero FOSC | 8. Date & Time Prepared<br>08/19/2015 1325 | 9.<br>Page ____ of ____ |
|--------------------------------------|--|-------------------------|

Wait

10.

(b) (6)  
(b) (6)  
(b) (6)  
(b) (6)  
(b) (6)

Endred please  
find surface  
water.

- Received a call from (b) (6) and she requested OSC contact (b) (6). (b) (6) stated that contractors were hired to drain and flush the ponds, and that the trout were temporarily relocated and are doing fine. No EPA assistance or sampling requested but would like a link to the claims form e-mailed to him on behalf of (b) (6).

(b) (6)

see if any  
sampling was  
taken at her  
property. If so,  
update letter. If  
not, this is  
Good to Go



(b) (6)

September 15, 2015

*Washington CBK*

Durango, CO 81301

Dear (b) (6),

*spoke*

The U.S. Environmental Protection Agency (EPA) is aware of the concerns you have raised regarding potential impacts to your property related to the Gold King Mine release. EPA met with the property caretaker, Clark Behner, regarding the ponds on your property. We want to assure you that we remain aware of your concerns and are working to evaluate your property as quickly as possible. We will be contacting you in the near future regarding your property, and will arrange to visit the ponds to observe the current conditions and discuss options to address your concerns.

EPA has worked closely with the San Juan Basin Health Department and the Colorado Department of Public Health and Environment to evaluate the conditions in the Animas River following the incident. Surface water and sediment samples collected throughout the watershed have demonstrated the river has returned to pre-event conditions. Data received from samples collected from other properties in the area have met risk-based screening levels for recreational use.

In the interim, if you have any questions regarding this matter please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-7879.

Sincerely,

U.S. Environmental Protection Agency, Region 8

Enclosure

*Bob McKeown*  
*¢*





(b) (6)

September 15, 2015

Mike Davis

(b) (6)

Durango, CO 81301

modify  
— + mail

Dear (b) (6),

The U.S. Environmental Protection Agency (EPA) is aware of the concerns you have raised regarding potential impacts to your property related to the Gold King Mine release. EPA met with the property caretaker, Wellington Clark, regarding the ponds on your property. We want to assure you that we remain aware of your concerns and are working to evaluate your property as quickly as possible. We will be contacting you in the near future regarding your property, and will arrange to revisit the ponds to observe the current conditions and discuss options to address your concerns.

In the interim, if you have any questions regarding this matter please contact Cynthia Peterson, EPA Community Involvement Coordinator, at (303) 312-7879.

Sincerely,

U.S. Environmental Protection Agency, Region 8

Enclosure

We understand  
That cleanup  
was done

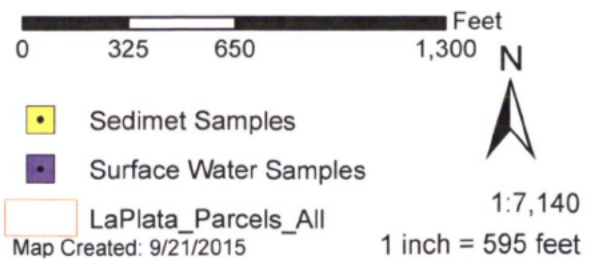
Completed  
CU  
8/8/15 ponds

Claris  
process

# Water Sample ID: GKMPD08



(b) (6), (b) (9)



Review Date: 10/5/15  
Reviewer: Maly Goldade

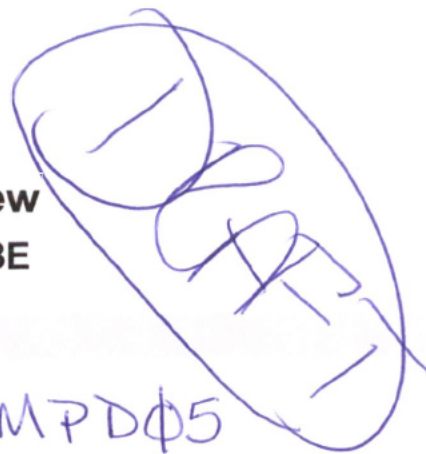
## Gold King Mine—Results Package Review Property/Sample IDs Verification Using SCRIBE

### PROJECT INFORMATION

Property ID:

~~Sam PD 05~~  
mg 10/5/15

GKMPD05



### CHECKLIST

#### Property ID Search in ArcMap, SCRIBE layer

- ☒ Display sample locations in ArcMap
- ☒ Compare the printed map with the sample locations in ArcMap, Match: Y N *Location ID rather than Sample ID*
- ☒ Confirm Property Type matches letter logo and letter closing: List type Residential (3 logs)
- ☒ Select and display the SCRIBE sample records in ArcMap (use information tool to identify one or more sample location)
- ☒ Confirm the number of printed sample results is the same as in SCRIBE.  
# of samples: 1  
Matrix(ces): SW (total only)

#### Confirm Address

- ☒ Confirm that the property address on the letter matches the property address in SCRIBE. (PropertyAd line)
- ☒ Confirm that the name on the letter matches the name in SCRIBE
- ☒ Confirm that the address on the letter matches the envelope OR matches the owner address in SCRIBE

#### Sample ID Check

- ☒ All sample IDs on the printed results match the sample record in SCRIBE.
- ☒ Confirm that the sample sub-locations match the sample record in SCRIBE.
- ☒ Confirm that the printed map matches SCRIBE map output.
- ☒ *see note* Refer to the logbook page and confirm that all sample IDs match on the printed results
- ☐ Refer to the logbook pages and confirm that all sample sub-locations match printed results.

#### Match the Letter with the Attached Results

- ☐ Sample matrix type: GW/TW SW Sediment
- ☐ Results relative to screening values. DW 1° DW 2° CO Ag RBC
- ☐ or NA Letter text must have a risk message for specific exceeded results (MCL, RBC) . List exceeded analytes: Sample Results

rec'd correct field log  
OK mg 10/5/15  
\*Field log time sampled doesn't match 10/14  
scheduled vs 10/17 in field log  
Field log lists different  
No sat/long what report.  
Missing Sediment

Notes says no dissolved metal for this sample (Totals only)  
COC form not D-metals requested



## **Review Letter**

- ☐ or NA Confirm that the letter defines any exceedances (but not CO Ag):
- ☐ or NA Primary
- ☐ or NA Secondary
- ☐ or NA Confirm each analyte that has an exceedance that there is an analyte-specific risk message. (in addition to the general risk text above).
- ☐ or NA For other media (surface water, sediment), ensure that results are mentioned.
- ☐ RE line matches the samples taken (GW, SW, Sed, etc.)
- ☐ General format review

Note: CCs (carbon copies) will be addressed 'later', and are not part of this distribution effort.

## **QA Review Form (for Letter production)**

- ☐ Package QA, Check completed: Letter, Results, Map, Other

## **Letter Package Order**

- ☐ Letter
- ☐ Map
- ☐ Results
- ☐ How to File a Claim Insert

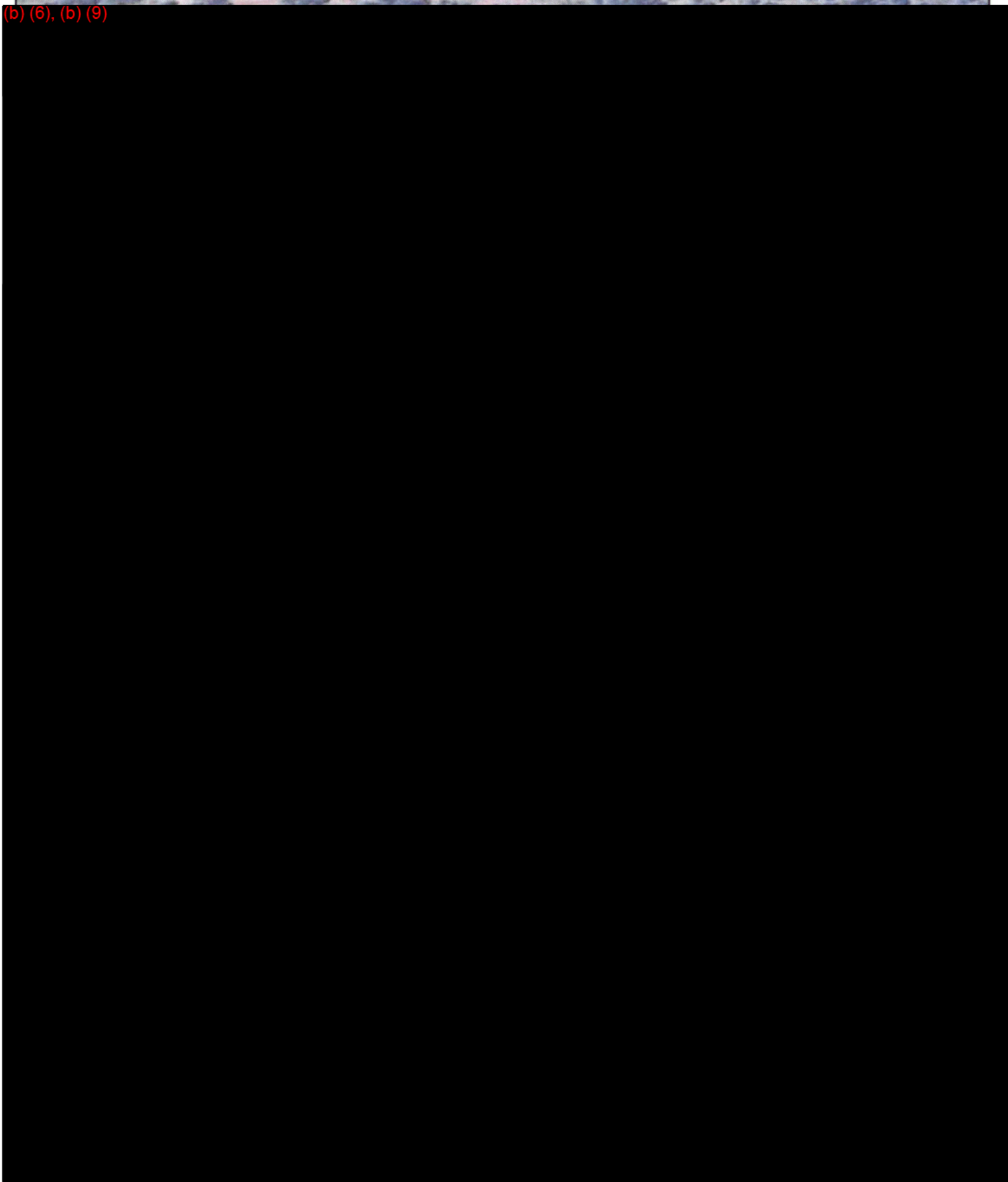
## **QA Package (to file)**

- ☐ QA Review Form (for Letter production)
- ☐ Results Package Review (this form)
- ☐ Letter
- ☐ Map
- ☐ Results
- ☐ How to File a Claim Insert
- ☐ Field Logs
- ☐ Extra Drafts, etc.

## **Mailing Steps**

- ☐ Scan Letter to USB
- ☐ Staple QA Package (to file) and place onto file rack
- ☐ Place stamps and return address sticker on envelope; Add EPR-S to return address
- ☐ Tape: place tape over metal tab and elsewhere envelope folds need reinforcement
- ☐ Write: "Mailed: <Date>"

(b) (6), (b) (9)



Legend

 Abbott Property  Parcel Boundary  Surface Water

(b) (6), (b) (9)

**Legend**

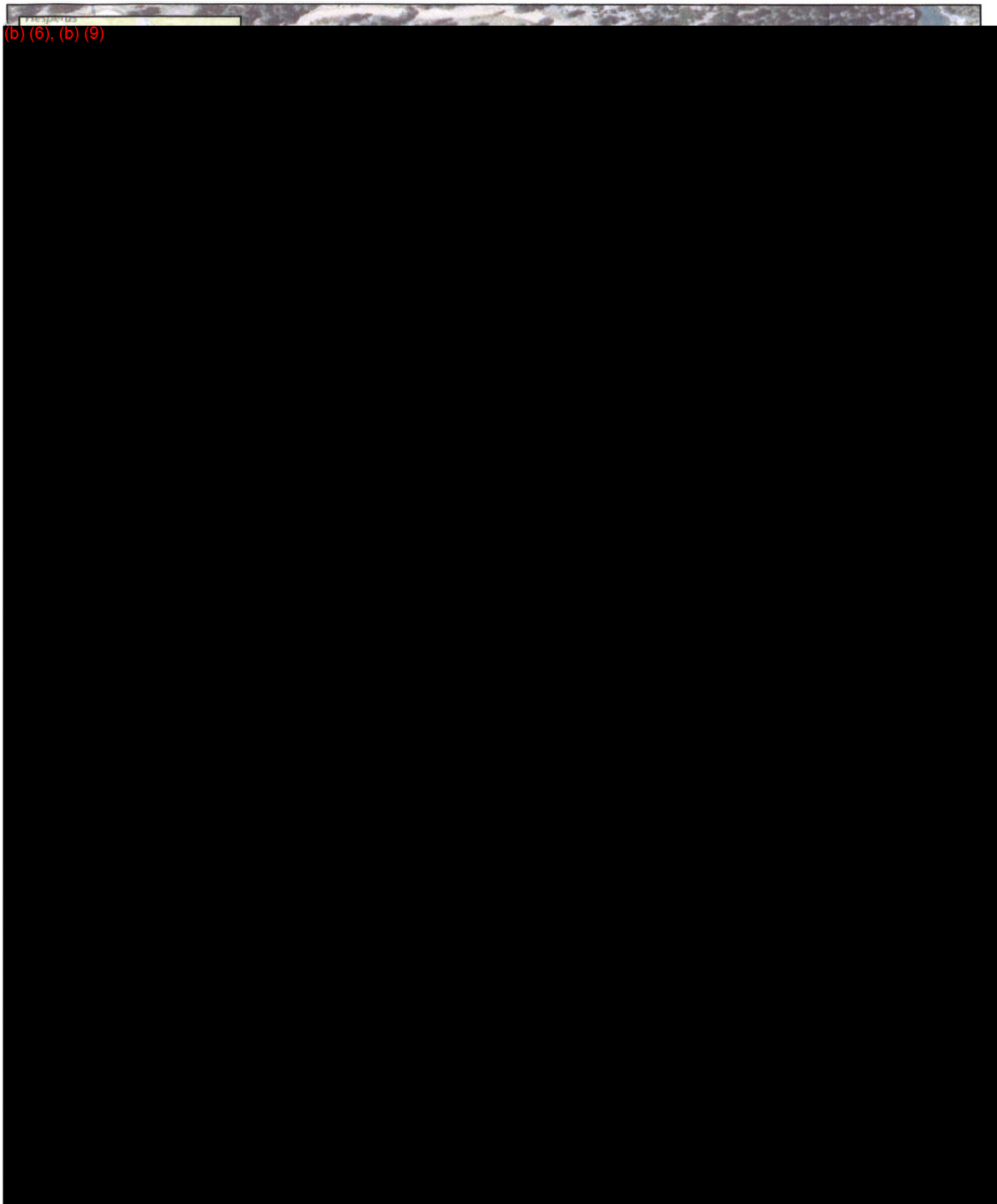
 Abbott Property  Parcel Boundary  Surface Water

Document Path: C:\GOLD KING\GKM Data & GIS Backups\ZC\Zac\Final\_Mxds\20150915\Abbott\_sample\_loc1.mxd

TRW  
9-16-15

Date: 9/15/2015





**Legend**

|  |                 |  |                 |  |               |
|--|-----------------|--|-----------------|--|---------------|
|  | Abbott Property |  | Parcel Boundary |  | Surface Water |
|--|-----------------|--|-----------------|--|---------------|

Date: 9/15/2015

(b) (6)

**Surfacewater Analytical Data - Region 8**  
**Upper Animas River**

| Analyte               | CAS.NO    | Units  | RBC    | Location    | GKM19            |
|-----------------------|-----------|--------|--------|-------------|------------------|
|                       |           |        |        | Sample ID   | GKMSW19.081915   |
|                       |           |        |        | Date        | 08/19/15         |
|                       |           |        |        | Sample Time | 10:14            |
|                       |           |        |        | Latitude    | (b) (6), (b) (9) |
| Longitude             |           |        |        |             |                  |
| Metals, Dissolved     |           |        |        |             |                  |
| Aluminum, Dissolved   | 7429-90-5 | D ug/L | 170000 | --          |                  |
| Antimony, Dissolved   | 7440-36-0 | D ug/L | 67     | --          |                  |
| Arsenic, Dissolved    | 7440-38-2 | D ug/L | 50     | --          |                  |
| Barium, Dissolved     | 7440-39-3 | D ug/L | 33000  | --          |                  |
| Beryllium, Dissolved  | 7440-41-7 | D ug/L | 330    | --          |                  |
| Cadmium, Dissolved    | 7440-43-9 | D ug/L | 83     | --          |                  |
| Calcium, Dissolved    | 7440-70-2 | D ug/L |        | --          |                  |
| Chromium, Dissolved   | 7440-47-3 | D ug/L | 220000 | --          |                  |
| Cobalt, Dissolved     | 7440-48-4 | D ug/L | 50     | --          |                  |
| Copper, Dissolved     | 7440-50-8 | D ug/L | 6700   | --          |                  |
| Iron, Dissolved       | 7439-89-6 | D ug/L | 120000 | --          |                  |
| Lead, Dissolved       | 7439-92-1 | D ug/L | 200    | --          |                  |
| Magnesium, Dissolved  | 7439-95-4 | D ug/L |        | --          |                  |
| Manganese, Dissolved  | 7439-96-5 | D ug/L | 7800   | --          |                  |
| Mercury, Dissolved    | 7439-97-6 | D ug/L | 50     | --          |                  |
| Molybdenum, Dissolved | 7439-98-7 | D ug/L | 830    | --          |                  |
| Nickel, Dissolved     | 7440-02-0 | D ug/L | 3300   | --          |                  |
| Potassium, Dissolved  | 7440-09-7 | D ug/L |        | --          |                  |
| Selenium, Dissolved   | 7782-49-2 | D ug/L | 830    | --          |                  |
| Silver, Dissolved     | 7440-22-4 | D ug/L |        | --          |                  |
| Sodium, Dissolved     | 7440-23-5 | D ug/L |        | --          |                  |
| Thallium, Dissolved   | 7440-28-0 | D ug/L | 1.7    | --          |                  |
| Vanadium, Dissolved   | 7440-62-2 | D ug/L | 830    | --          |                  |
| Zinc, Dissolved       | 7440-66-6 | D ug/L | 50000  | --          |                  |
| Metals, Total         |           |        |        |             |                  |
| Aluminum              | 7429-90-5 | ug/L   | 170000 | --          | 340              |
| Antimony              | 7440-36-0 | ug/L   | 67     | --          | < 1 U            |
| Arsenic               | 7440-38-2 | ug/L   | 50     | --          | 0.67 J           |
| Barium                | 7440-39-3 | ug/L   | 33000  | --          | 31               |
| Beryllium             | 7440-41-7 | ug/L   | 330    | --          | < 0.4 U          |
| Cadmium               | 7440-43-9 | ug/L   | 83     | --          | 0.31 J           |

(b) (6)

**Surfacewater Analytical Data - Region 8**  
**Upper Animas River**

| Analyte        | CAS.NO    | Units | RBC    | Location    | GKM19          |
|----------------|-----------|-------|--------|-------------|----------------|
|                |           |       |        | Sample ID   | GKMSW19.081915 |
|                |           |       |        | Date        | 08/19/15       |
|                |           |       |        | Sample Time | 10:14          |
|                |           |       |        | Latitude    | (b) (6)        |
|                |           |       |        | Longitude   |                |
| Calcium        | 7440-70-2 | ug/L  |        | --          | 44000          |
| Chromium       | 7440-47-3 | ug/L  | 220000 | --          | < 2 U          |
| Cobalt         | 7440-48-4 | ug/L  | 50     | --          | 1.3            |
| Copper         | 7440-50-8 | ug/L  | 6700   | --          | 8.3            |
| Iron           | 7439-89-6 | ug/L  | 120000 | --          | 750            |
| Lead           | 7439-92-1 | ug/L  | 200    | --          | 8.6            |
| Magnesium      | 7439-95-4 | ug/L  |        | --          | 4400           |
| Manganese      | 7439-96-5 | ug/L  | 7800   | --          | 350            |
| Mercury        | 7439-97-6 | ug/L  | 50     | --          | < 0.2 U        |
| Molybdenum     | 7439-98-7 | ug/L  | 830    | --          | 0.84 J         |
| Nickel         | 7440-02-0 | ug/L  | 3300   | --          | 1.5            |
| Potassium      | 7440-09-7 | ug/L  |        | --          | 890 J+         |
| Selenium       | 7782-49-2 | ug/L  | 830    | --          | 2.9 J+         |
| Silver         | 7440-22-4 | ug/L  |        | --          | < 1 U          |
| Sodium         | 7440-23-5 | ug/L  |        | --          | 2300           |
| Thallium       | 7440-28-0 | ug/L  | 1.7    | --          | < 0.2 U        |
| Vanadium       | 7440-62-2 | ug/L  | 830    | --          | 0.31 J         |
| Zinc           | 7440-66-6 | ug/L  | 50000  | --          | 70             |
| <b>General</b> |           |       |        |             |                |
| Hardness       | STL00009  | ug/L  |        | --          | 130000         |

9/21/15

|               |             |       |  |  |                |
|---------------|-------------|-------|--|--|----------------|
| Analyte       | Station ID  |       |  |  | GKM19          |
|               | Sample ID   |       |  |  | GKMSW19_081915 |
|               | Sample Date |       |  |  | 8/19/2015      |
|               | Sample time |       |  |  | 10:14          |
|               | Latitude    |       |  |  | (b) (6)        |
|               | Longitude   |       |  |  |                |
|               |             |       |  |  | Sub Location   |
| Metals, Total | CAS NO      | Units |  |  | Lab Result     |
| Aluminum      | 7429-90-5   | ug/L  |  |  | 340            |
| Antimony      | 7440-36-0   | ug/L  |  |  | 0.4 U          |
| Arsenic       | 7440-38-2   | ug/L  |  |  | 0.67 J         |
| Barium        | 7440-39-3   | ug/L  |  |  | 31             |
| Beryllium     | 7440-41-7   | ug/L  |  |  | 0.15 U         |
| Cadmium       | 7440-43-9   | ug/L  |  |  | 0.31 J         |
| Calcium       | 7440-70-2   | ug/L  |  |  | 44000          |
| Chromium      | 7440-47-3   | ug/L  |  |  | 1 U            |
| Cobalt        | 7440-48-4   | ug/L  |  |  | 1.3            |
| Copper        | 7440-50-8   | ug/L  |  |  | 8.3            |
| Iron          | 7439-89-6   | ug/L  |  |  | 750            |
| Lead          | 7439-92-1   | ug/L  |  |  | 8.6            |
| Magnesium     | 7439-95-4   | ug/L  |  |  | 4400           |
| Manganese     | 7439-96-5   | ug/L  |  |  | 350            |
| Mercury       | 7439-97-6   | ug/L  |  |  | 0.08 U         |
| Molybdenum    | 7439-98-7   | ug/L  |  |  | 0.84 J         |
| Nickel        | 7440-02-0   | ug/L  |  |  | 1.5            |
| Potassium     | 7440-09-7   | ug/L  |  |  | 890 J+         |
| Selenium      | 7782-49-2   | ug/L  |  |  | 2.9 J+         |
| Silver        | 7440-22-4   | ug/L  |  |  | 0.1 U          |
| Sodium        | 7440-23-5   | ug/L  |  |  | 2300           |
| Thallium      | 7440-28-0   | ug/L  |  |  | 0.1 U          |
| Vanadium      | 7440-62-2   | ug/L  |  |  | 0.31 J         |
| Zinc          | 7440-66-6   | ug/L  |  |  | 70             |

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level



|               |  |       |  |  |  |
|---------------|--|-------|--|--|--|
| Analyte       | Station ID<br>Sample ID<br>Sample Date<br>Sample time<br>Latitude<br>Longitude |       |  |  | GKM19<br>GKMSW19_081915<br>8/19/2015<br>10:14<br>(b) (6) |
|               |  |       |  |  | Sub Location   |
| Metals, Total | CAS NO   | Units |  |  | Lab Result   |
| Aluminum      | 7429-90-5  | ug/L  |  |  | 340  |
| Antimony      | 7440-36-0  | ug/L  |  |  | 0.4 U  |
| Arsenic       | 7440-38-2  | ug/L  |  |  | 0.67 J   |
| Barium        | 7440-39-3  | ug/L  |  |  | 31   |
| Beryllium     | 7440-41-7  | ug/L  |  |  | 0.15 U   |
| Cadmium       | 7440-43-9  | ug/L  |  |  | 0.31 J   |
| Calcium       | 7440-70-2  | ug/L  |  |  | 44000  |
| Chromium      | 7440-47-3  | ug/L  |  |  | 1 U  |
| Cobalt        | 7440-48-4  | ug/L  |  |  | 1.3  |
| Copper        | 7440-50-8  | ug/L  |  |  | 8.3  |
| Iron          | 7439-89-6  | ug/L  |  |  | 750  |
| Lead          | 7439-92-1  | ug/L  |  |  | 8.6  |
| Magnesium     | 7439-95-4  | ug/L  |  |  | 4400   |
| Manganese     | 7439-96-5  | ug/L  |  |  | 350  |
| Mercury       | 7439-97-6  | ug/L  |  |  | 0.08 U   |
| Molybdenum    | 7439-98-7  | ug/L  |  |  | 0.84 J   |
| Nickel        | 7440-02-0  | ug/L  |  |  | 1.5  |
| Potassium     | 7440-09-7  | ug/L  |  |  | 890 J+   |
| Selenium      | 7782-49-2  | ug/L  |  |  | 2.9 J+   |
| Silver        | 7440-22-4  | ug/L  |  |  | 0.1 U  |
| Sodium        | 7440-23-5  | ug/L  |  |  | 2300   |
| Thallium      | 7440-28-0  | ug/L  |  |  | 0.1 U  |
| Vanadium      | 7440-62-2  | ug/L  |  |  | 0.31 J   |
| Zinc          | 7440-66-6  | ug/L  |  |  | 70   |

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

FI = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level